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UniversityInternational Journal of Digital Content Management**1. [Home](#)****2. Articles List**[Home](#)[Browse](#)[Journal Info](#)[Guide for Authors](#)[Submit Manuscript](#)[Contact Us](#)[Reviewers](#)[Articles in Press](#) [Current Issue](#)**Volume 4 (2023) Volume 3 (2022)****Author =
Maryam****Tavosi**

Volume 2 (2021)Volume 1 (2020)

[Analysis of ResearchGate Network based on Suitable Scientific Assessment Tool: A Systematic Review](#)

Maryam Tavosi; Nader Naghshineh

Volume 4, Issue 7, July 2023, , Pages 109-143

<https://doi.org/10.22054/dcm.2022.69557.1142>

Abstract

Purpose: Accurate scientific evaluation of researchers by ResearchGate network is still ambiguous. This systematic study seeks to shed some light on this issue.

Methods: The study was conducted with a systematic review of the previous studies (articles or reports). The analysis of documents was performed with a targeted keyword search in the reputable Google Scholar, Emerald, and PubMed databases (without limit). Titles and abstracts (if necessary, full texts) of the number of 582 documents (Persian, English, and Spanish) were retrieved (1-10 April 2021) and studied. Then, by removing duplicate or irrelevant data, 57 independent studies were selected for meeting the main research problem of this systematic review (using the PRISMA statement). For drawing diagrams, Excel software was used.

Findings: Among 57 previous independent studies retrieved by systematic review, 30 ones, had a negative attitude towards the ResearchGate. 27 studies saw with positive approach from standpoint the concepts of "authentic measuring instrument", "presence of prominent scientists such as Nobel Prize recipients", "valid scientific content", and "having a significant relationship with the academic ranking criteria", and "compliance with the Hirsch indicator", that was identified by documentary analysis based on PRISMA statement. Studies with a positive assessment of the ResearchGate dealt with developing countries, and with a small investigated research community.

Therefore, it is appropriate to act cautiously when evaluating researchers with the ResearchGate network. Originality: No similar systematic review to evaluate the ResearchGate network from the standpoint of a scientific suitable evaluation tool, has been done so far.

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Times Ranking versus ResearchGate's Indicators: An Analysis of Presence and Activities of Political Sciences Field

Maryam Tavosi

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Abstract

Purpose: This study analyzes the activities of top Times researchers in the field of political science with an emphasis on examining the ResearchGate network. Method: This study opted for altmetric approach. Two research communities have been surveyed. The number of 145 faculty members affiliated to the top 10 universities of the Times 2021 in the field of political science was stratified sampling randomly, selected. Participation in the ResearchGate network was examined, for them. For the attendees, the indicators of citations, RG-score, and reads were extracted and compared. For the top 15 best Times scientific institutes, the RG scores per member and publication per member were calculated and compared. Correlation between Times Ranking and ResearchGate's indicators, done too. For data analysis, LibreOfficeCalc, and SPSS22 were exploited. Findings: Only, 39% of all faculty members belong to the best Times

centers in the field of political science, have seen by registration in the ResearchGate network. For 57 registered individuals, there was a significant correlation between ResearchGate's indicators with each other. But there was no significant relationship between the Times rankings and the mentioned indicators, except for the reads (P-value = 0.018) with a weak reverse correlation (Spearman coefficient= - 0.314). Furthermore, comparative analysis for the top 15 Times institutes had done from standpoint of RG-Score, too. Originality: The Correlation relationship between Times rank and ResearchGate's indicators in the field of political science, in addition, the participation of faculty members of the best scientific centers in this mentioned field had not been done yet.

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Studying "Bounce Rate" and "Average Visit Duration" on the Iranian University Library Websites: Correlation Analysis

Maryam Tavosi; Nader Naghshineh

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Abstract

Purpose: Nowadays, average visit duration through the university library websites and bounce rate of the web users, are two important factors from the standpoint of Google Search Engine Optimization (SEO). The main objective of this paper is to study the two mentioned factors in Iranian university library websites and interactive relationship analysis between them.
Method: This study opted for the webometrics approach.

The research community was 42 library websites of Iranian governmental universities affiliated with the ministry of science, except Payam- Noor and Farhangian. These mentioned websites were analyzed by the descriptive and analytical survey methods. The data had been extracted by the "Similarweb" analytical tool (3 months: January to March 2020). Three software, "SPSS22", "Excel" and "LibreOfficeCalc", were used for data analysis. **Findings:** The lowest (best) bounce rates from the library website were observed in the websites of the Central Library of Allameh Tabatabai University and the Digital Library of the University of Guilan, respectively. The highest (best) "average visit duration", was observed in the digital library websites of Isfahan university of technology and the university of Tehran, respectively. **Conclusion:** The "bounce rate" of members of the research community has been observed between 13% and 100%. Also, "average visit duration" has been seen from 0 to 300 seconds. Iranian university library websites from the standpoint, two factors that impacted Google SEO, have been seen in the weak level. A significant inversely correlation was obtained between "Bounce Rate" and "Average Visit Duration" in 42 Iranian governmental university library websites with an amount of 0.6.

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